

Title (en)
ISOQUINOLINE DERIVATIVES AND THEIR USE FOR THE TREATMENT OF OPHTHALMIC DISORDERS

Title (de)
ISOQUINOLIN DERIVATE UND IHRE VERWENDUNG BEHANDLUNG VON OPHTHALMISCHEN ERKRANKUNGEN

Title (fr)
DÉRIVÉS D'ISOQUINOLINE ET LEURS UTILISATION POUR LE TRAITEMENT DE TROUBLES OPHTHALMIQUES

Publication
EP 3505513 A1 20190703 (EN)

Application
EP 18214556 A 20181220

Priority
• US 201762610446 P 20171226
• US 201816206000 A 20181130

Abstract (en)
A compound of formula (I) or a pharmaceutically acceptable salt thereof is provided. In formula (I), Ar is indazole, 5-isoquinoline, 6-isoquinoline, or their N-oxide. X is -C(=Z)-, wherein Z is N-CN, NH, NR, NCOR, NCONRR, NCO-aryl, S, or O. Y and J are independently H, alkyl, aryl, aminoalkyl, -NH, -CN, -OH, -O-alkyl, -O-aryl, -COOH, -COOR, -CONHR, -CONHCH-aryl, -CONRCH-aryl, -NHCOR, halogen, halogenated alkyl, -alkyl-OR, -O-alkyl-OR, -alkyl-ONO, O-alkyl-ONO, -OCOOR, -O(C=O)-aryl, -CHROH, -CHOH, -CHO(C=O)-aryl, -CHO(C=O)-R, -CHRO(C=O)-aryl, -CHRO(C=O)-R, unsaturated carboxylic ester, substituted alkynyl, -NHSOR, -SR, -SOR, -SONHR, or -SONRR, or Y and J bond together to form a carbocyclic or aromatic ring, wherein R and Rare independently H, substituted C1-C6 alkyl, substituted aryl, cycloalkyl, alkylaryl, -alkyl-NRR, -alkyl-OR, -alkyl-ONO, -S(O)-(alkyl-NRR). R, Rand Rare H, C1-C6 alkyl, cycloalkyl, aryl, alkylaryl, alkylheteroaryl, alkylheterocycle, wherein any one thereof is optionally substituted with one or more of OH, NO, or NRR.

IPC 8 full level
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CPC (source: CN EP US)
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